

# DRAINAGE & UTILITY PLAN WILLOWBEND EIGHTH ADDITION

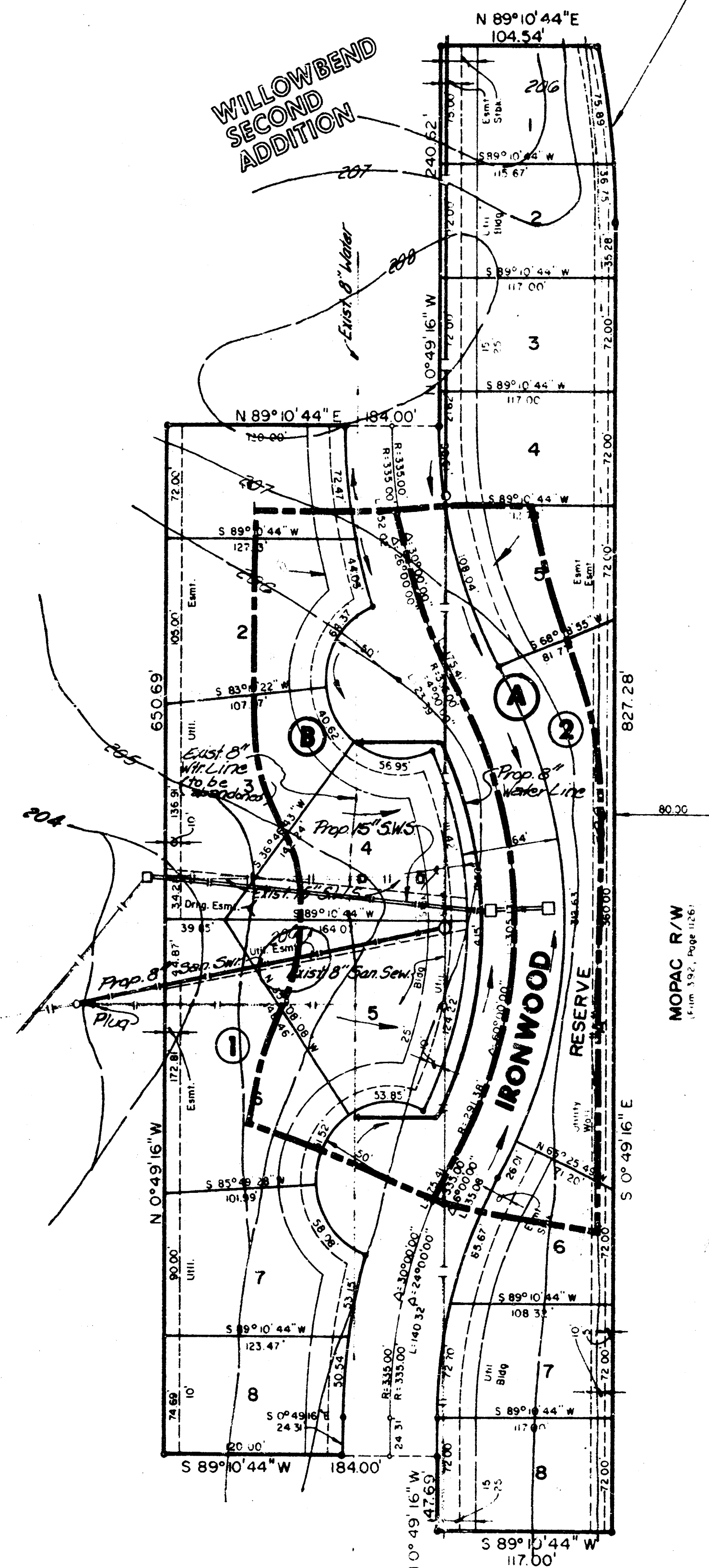
AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS  
DECEMBER, 1986

R = 507.15'  
Δ = 12° 43' 33"  
L = 112.64'  
Bq = S 7° 11' 03" E  
Chd. = 112.41'

N. E. Cor., NW 1/4, Sec. 29  
T. 2 S., R. 2 E., 6th P.M.

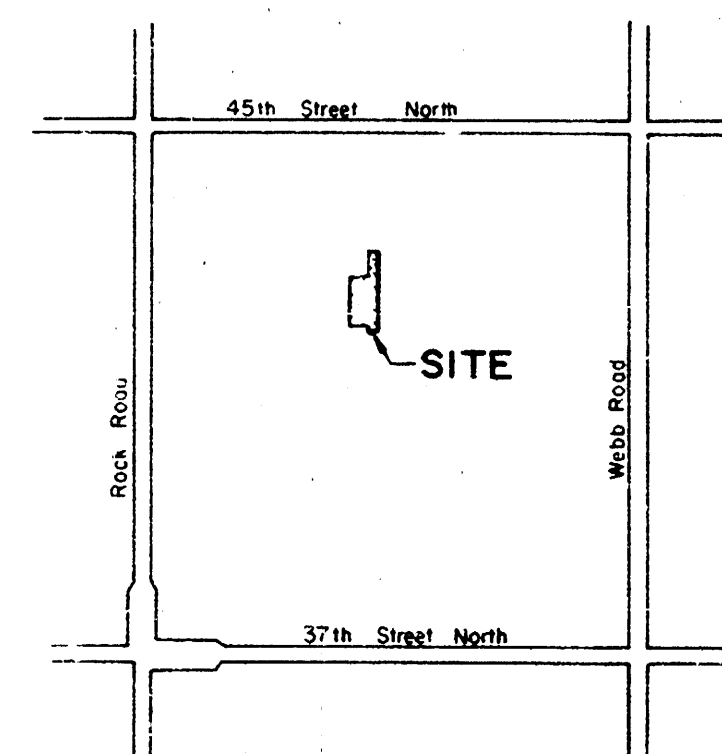


Scale 1" = 60'



WILLOWBEND SECOND  
ADDITION

| WILLOWBEND EIGHTH | AREA<br>(acres) | AREA<br>ACCU. | C <sub>2</sub> | C <sub>100</sub> | T <sub>c</sub><br>(min) | I <sub>2</sub><br>(in/hr) | I <sub>100</sub><br>(in/hr) | Q <sub>2</sub><br>(cfs) | Q <sub>100</sub><br>(cfs) | PIPE<br>SIZE | PIPE<br>SLOPE | INLETS              |
|-------------------|-----------------|---------------|----------------|------------------|-------------------------|---------------------------|-----------------------------|-------------------------|---------------------------|--------------|---------------|---------------------|
| A                 | 0.8             |               | 0.50           | 0.76             | 15                      | 3.83                      | 7.37                        | 1.5                     | 4.5                       | 15"          | 0.44%         | L <sub>1</sub> = 5' |
| B                 | 1.3             | 2.1           | 0.50<br>0.50   | 0.76<br>0.76     | 15<br>15                | 3.83<br>3.83              | 7.37<br>7.37                | 2.5<br>4.0              | 7.3<br>11.8               | 15"          | 1.0%          | L <sub>1</sub> = 5' |



LOCATION MAP

## BENCH MARKS

- B.M. # 1 "D" Cur On N.W. Corner RCB, 16' N. And  
35' W. Of Center Section 29-26-2E.  
Elev. = 208.16
- B.M. # 2 "D" Cur On N.W. Corner RCB Under R.R.,  
Easterly Of Lot 62, Block 2, Willowbend School.  
Elev. = 208.52

Approved.  
VRA 1/1/87

|  |                                                                                                         |  |                      |
|--|---------------------------------------------------------------------------------------------------------|--|----------------------|
|  | WILLOWBEND EIGHTH<br>ADDITION                                                                           |  | Sheet                |
|  | DRAINAGE<br>& UTILITY PLAN                                                                              |  | 1                    |
|  | MID-KANSAS ENGINEERING CONSULTANTS PA<br>3500 NORTH ROCK ROAD<br>BUILDING 1800<br>WICHITA, KANSAS 67226 |  | 482-6561<br>482-6561 |